

FIG. 1

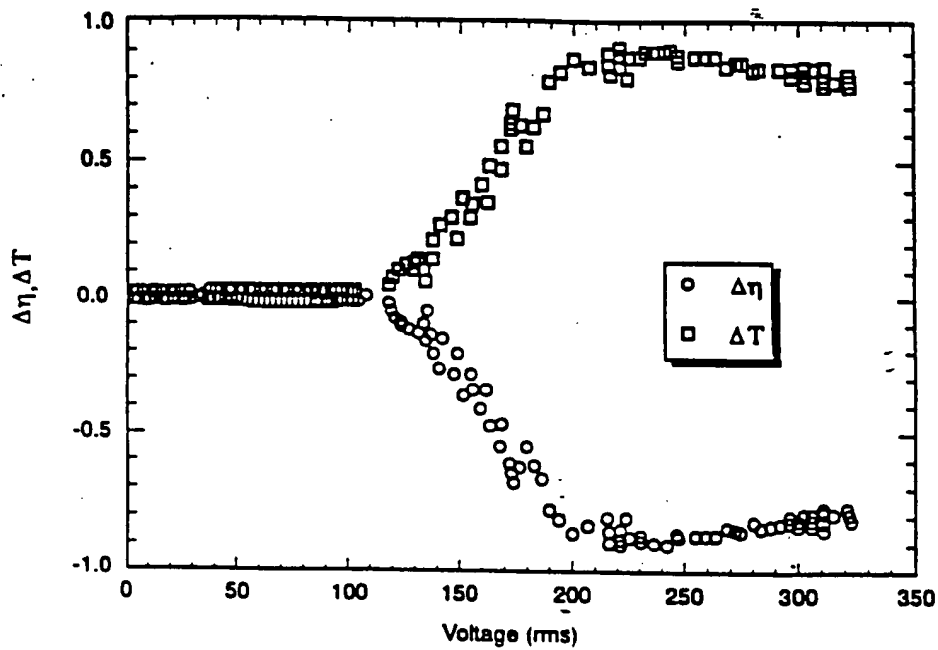


FIG. 2

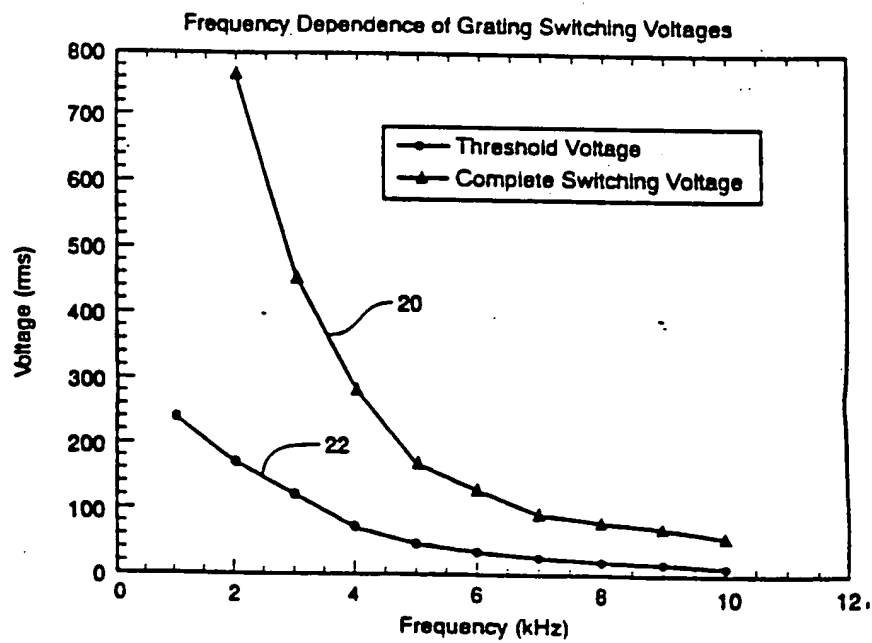


FIG. 3

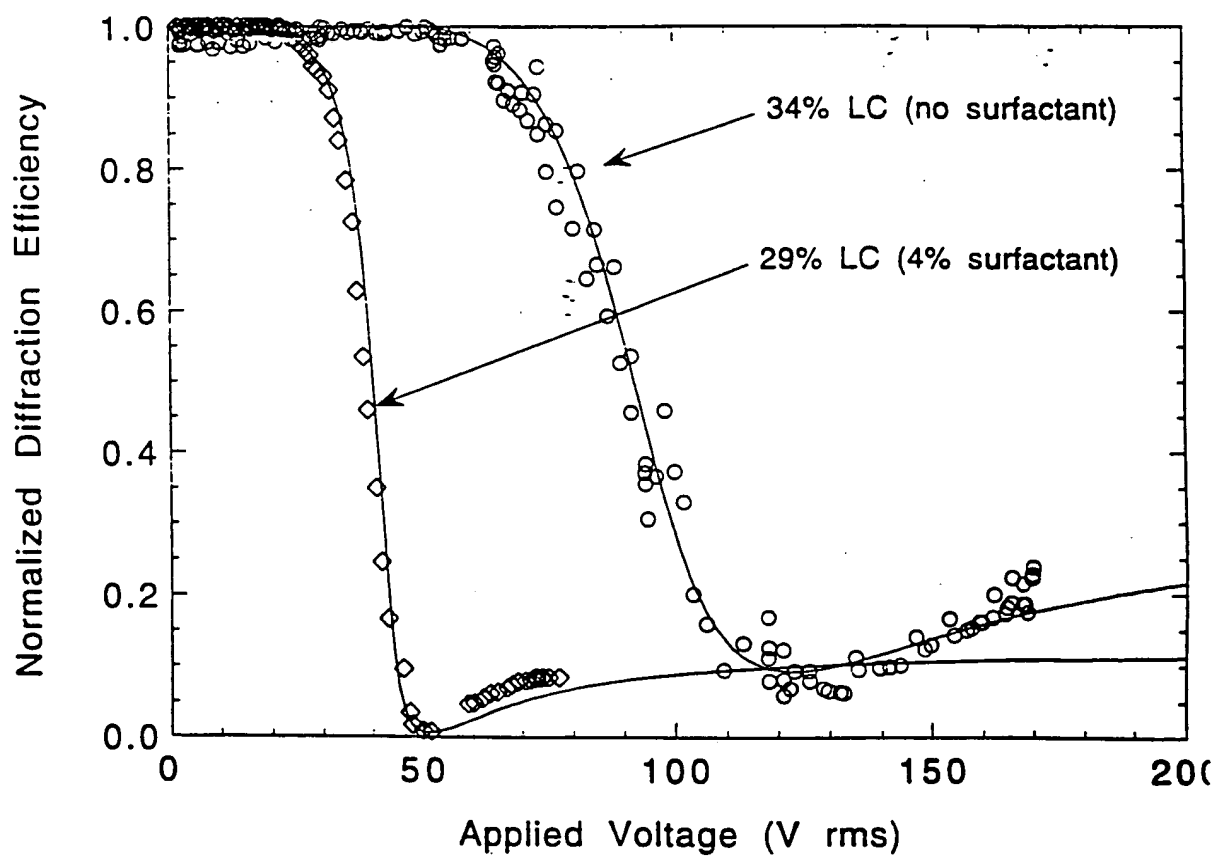


FIG. 4

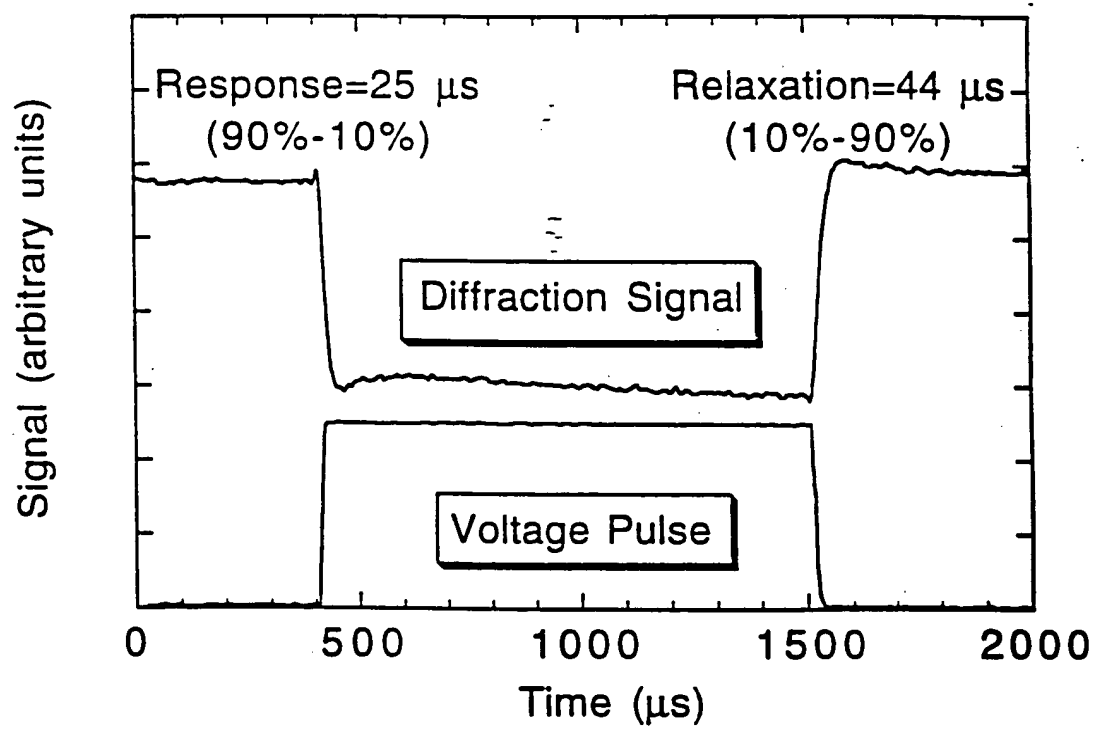


FIG. 5

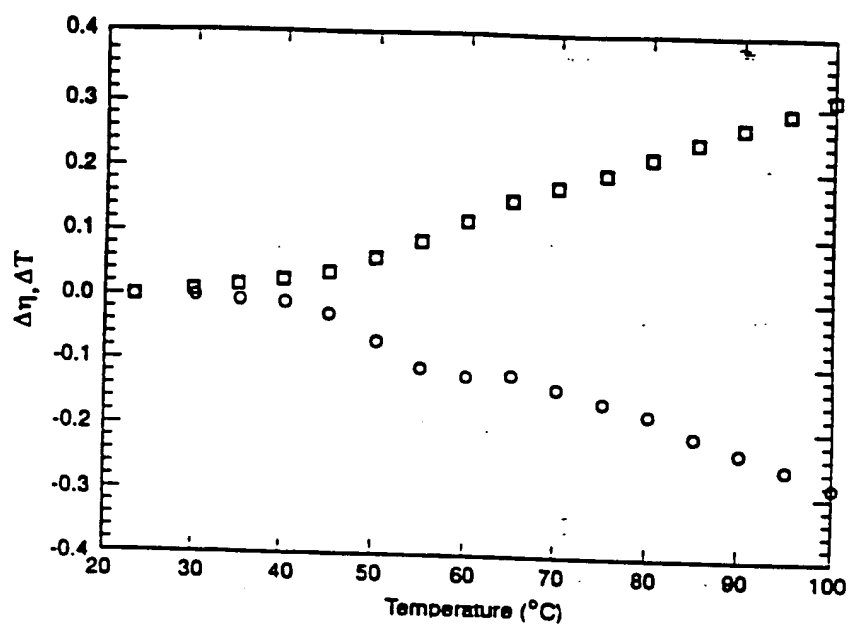


FIG. 6

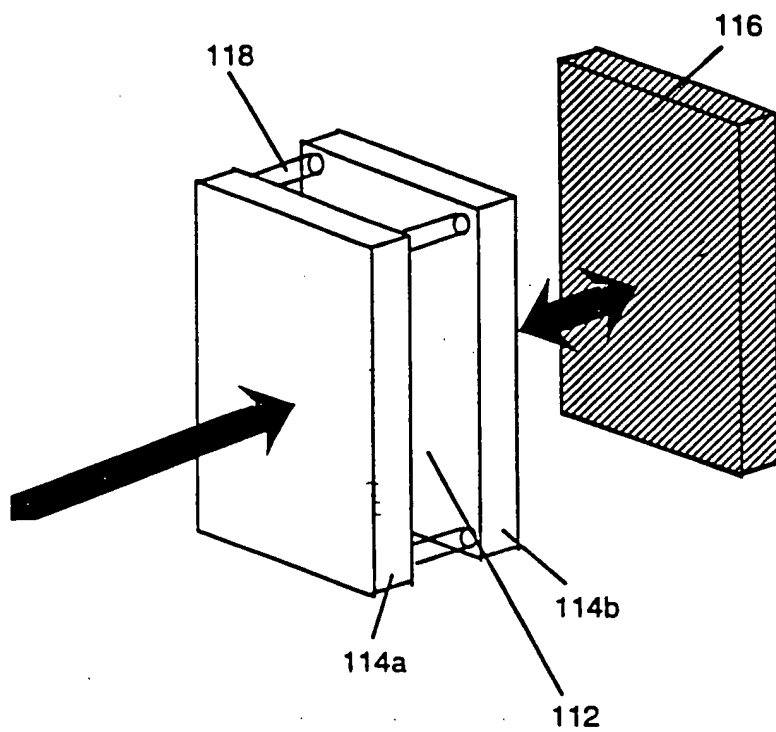


FIG. 7

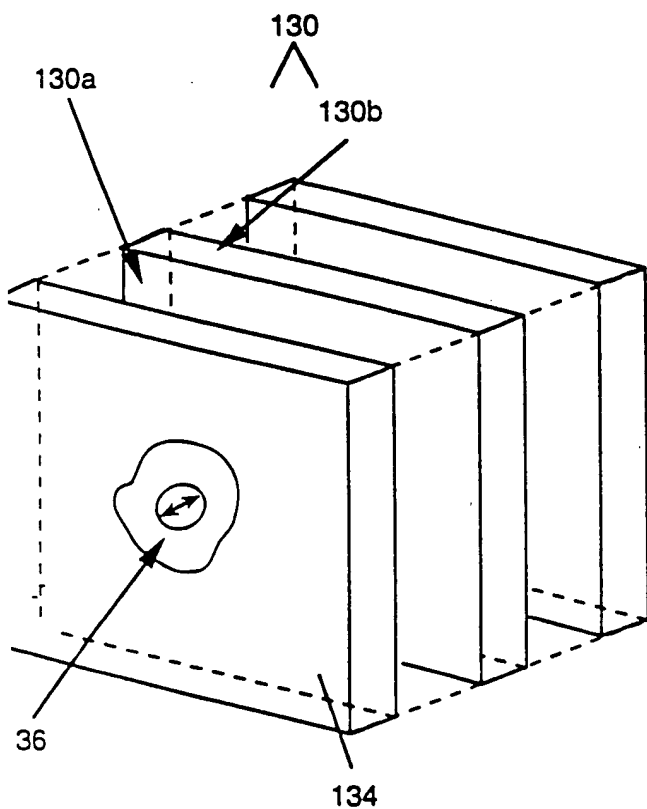


FIG. 8a

Reflection Grating

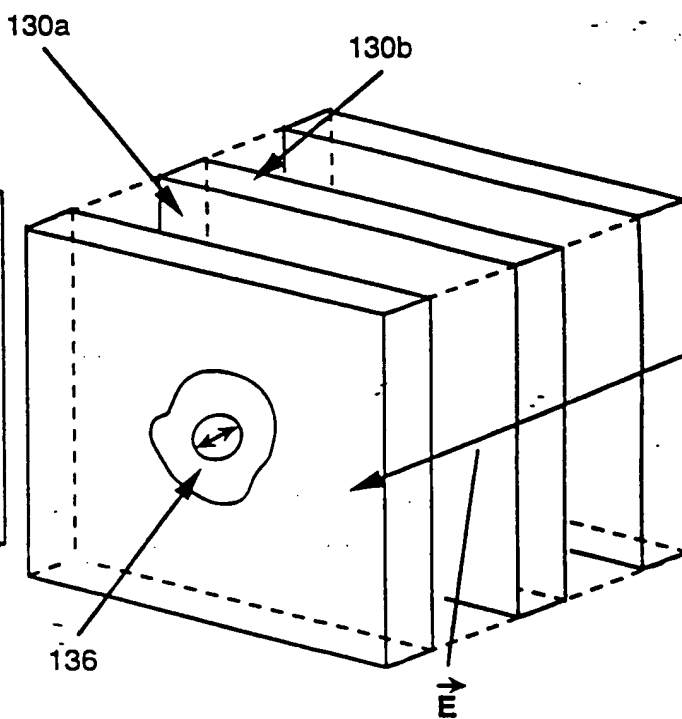


FIG. 8b

09363169.07599
666220 6979260

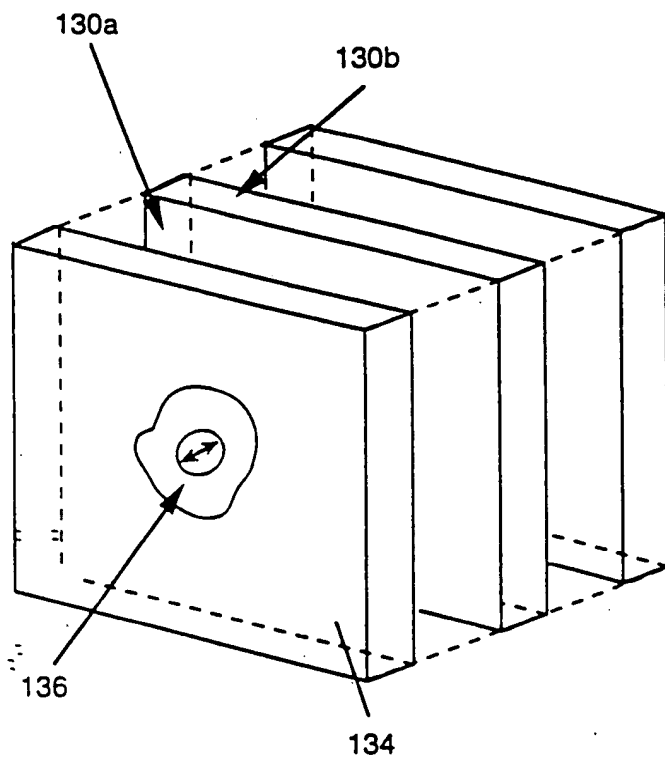


FIG. 9a

Reflection Grating

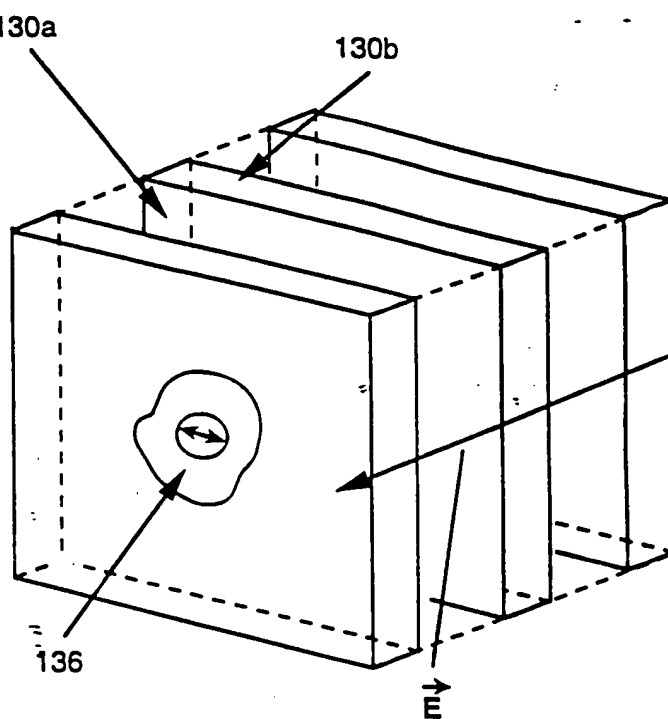


FIG. 9b

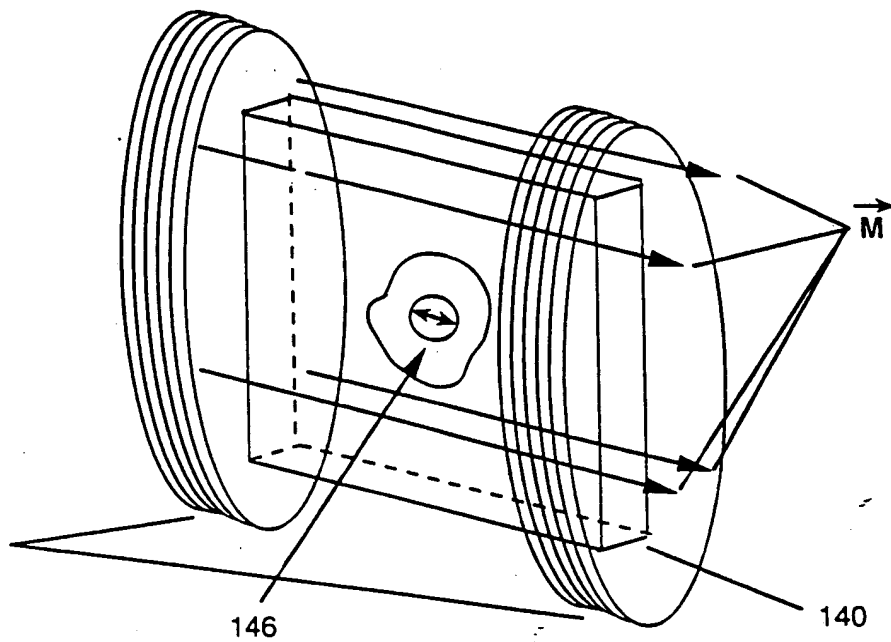


FIG. 10a

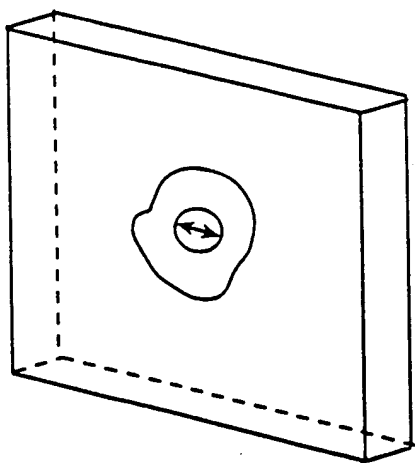


FIG. 10b

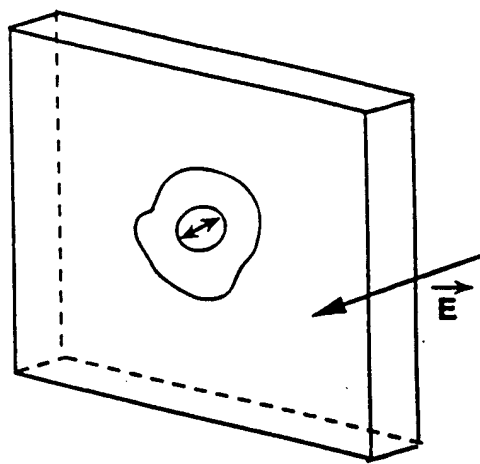
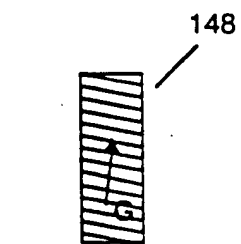


FIG. 10c

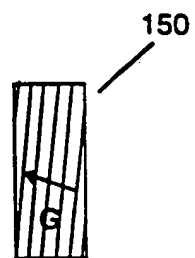
000220" 69TE9E60



transmission

FIG. 11a

Slanted



reflection

FIG. 11b

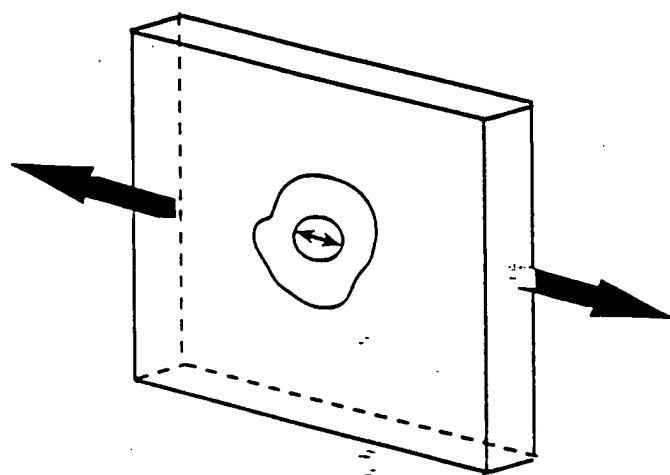


FIG. 12

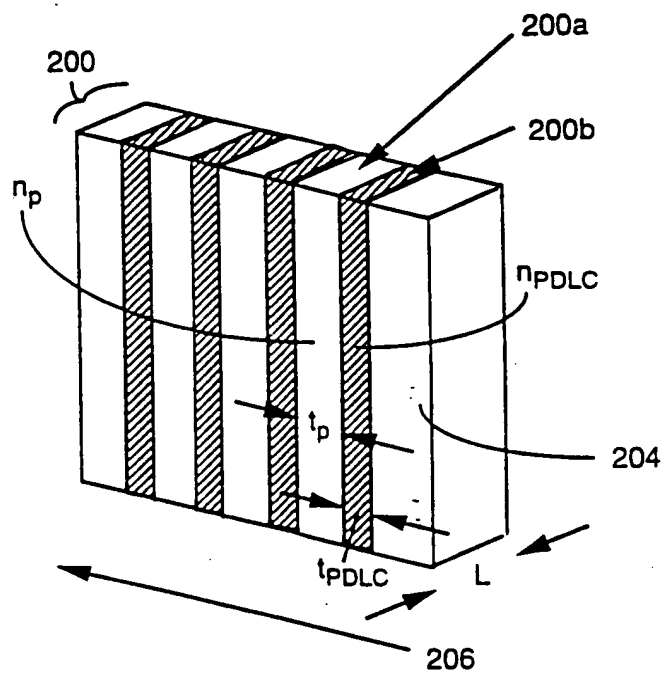


FIG. 13

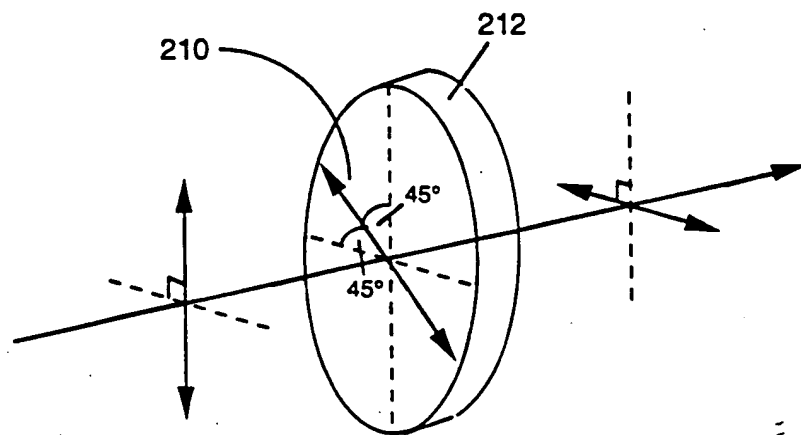


FIG. 14a

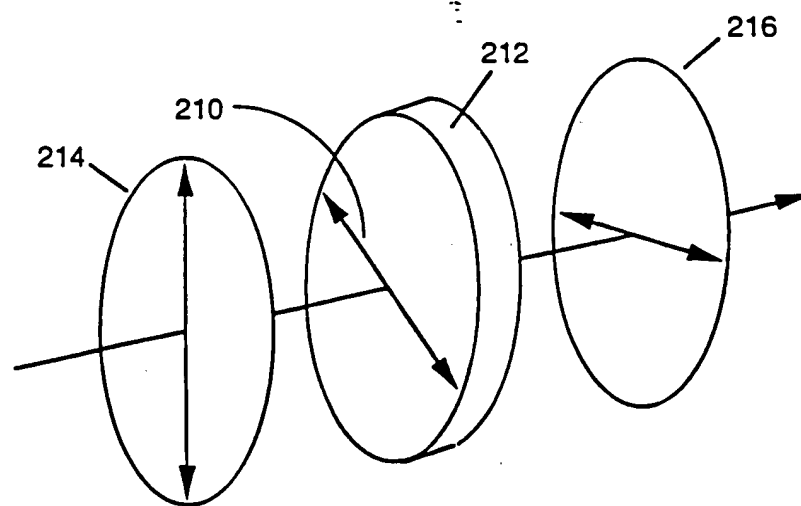


FIG. 14b

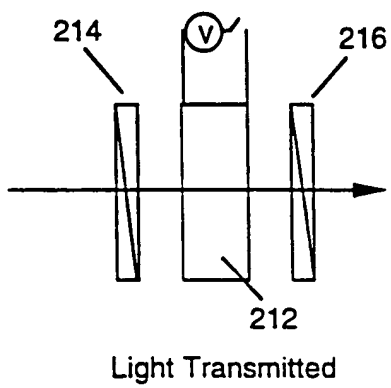


FIG. 14c

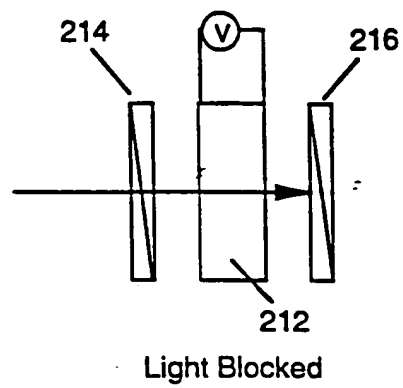


FIG. 14d

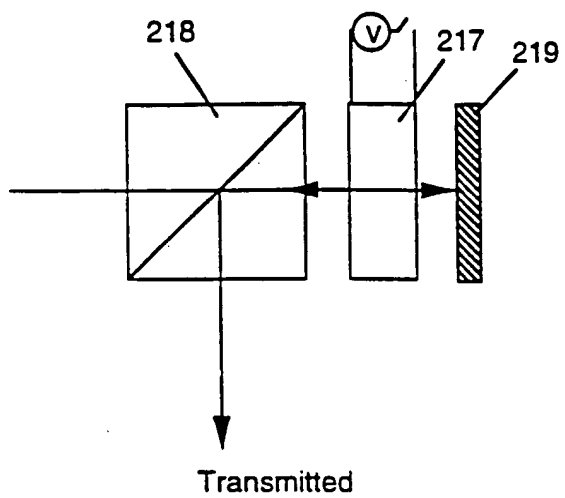


FIG. 15a

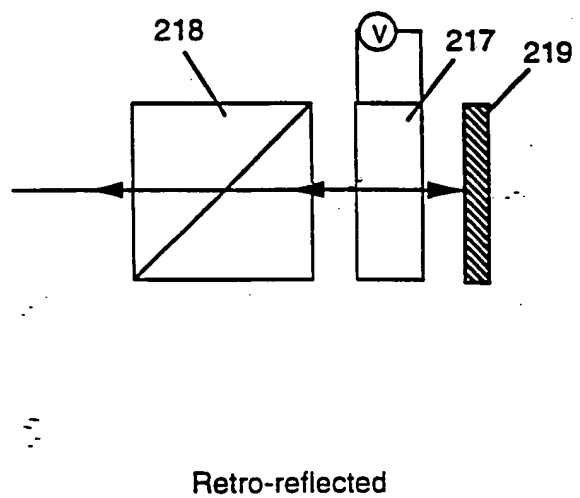
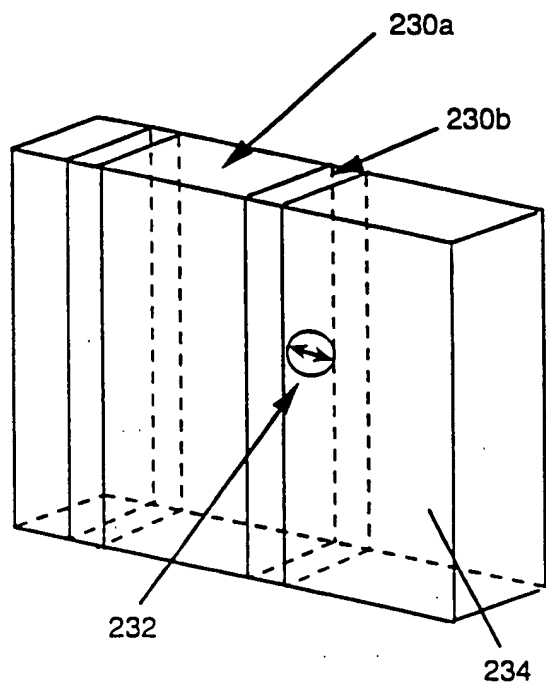
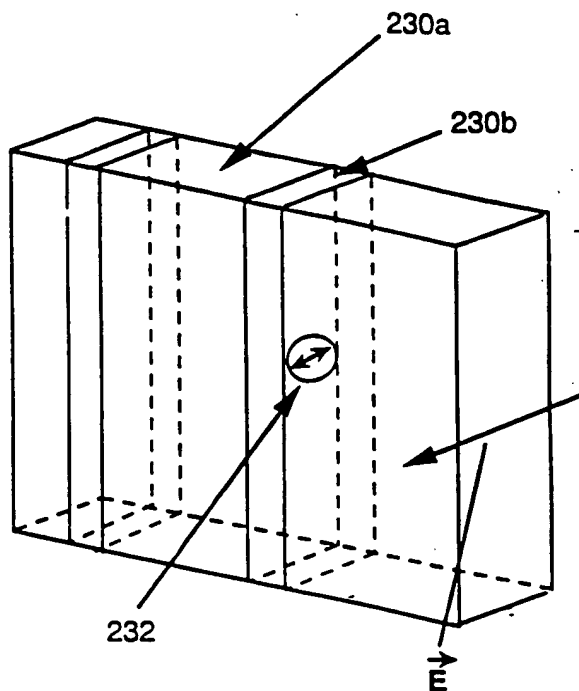


FIG. 15b



Unswitched State

FIG. 16a



Switched State

FIG. 16b

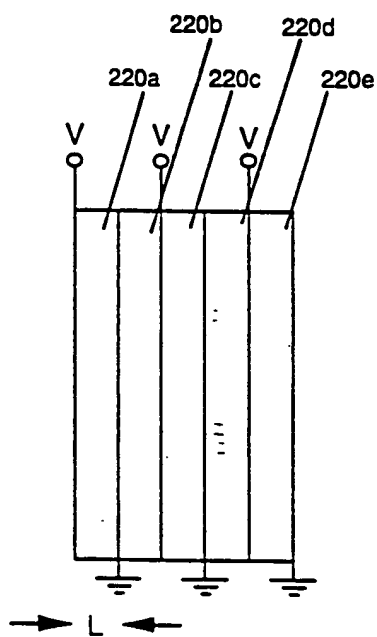


FIG. 17

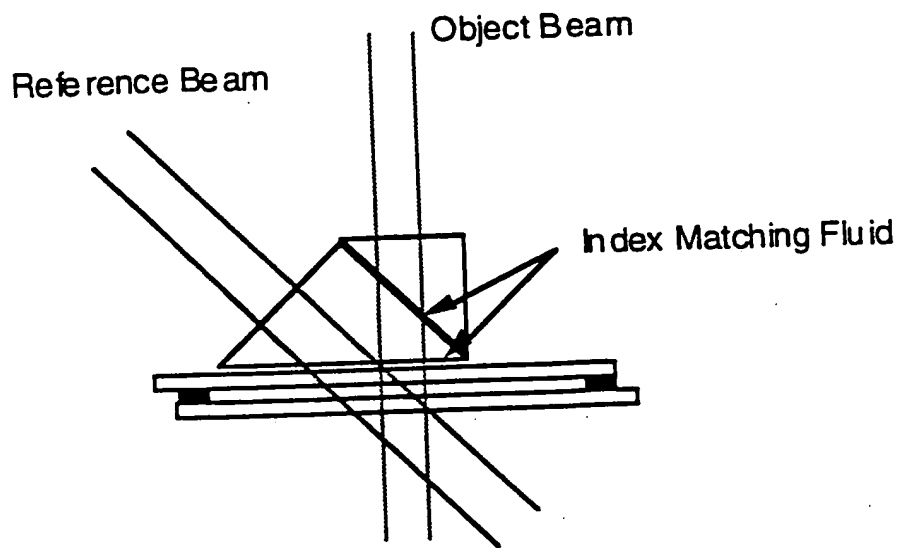


FIGURE 18

66240" STEELED

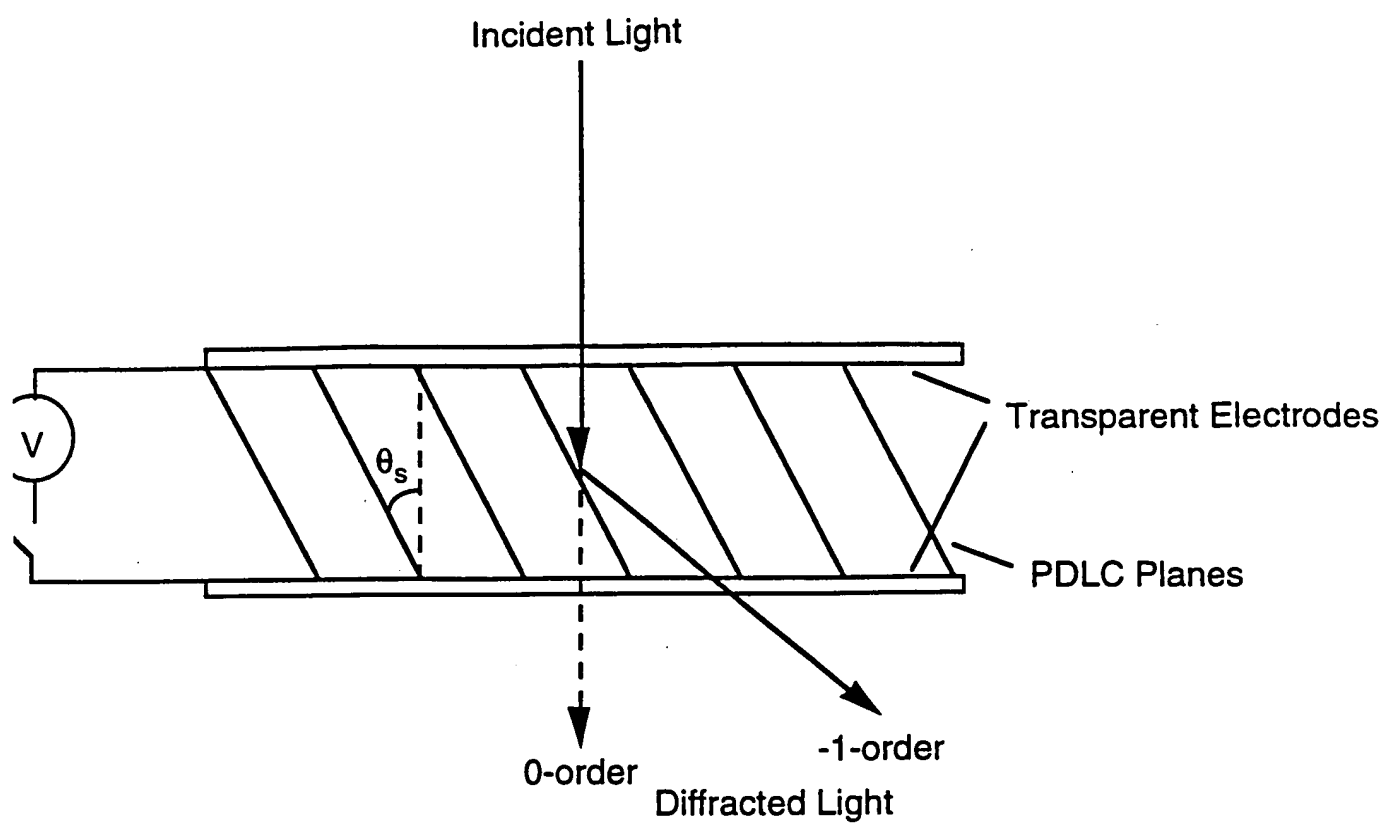


FIGURE 19

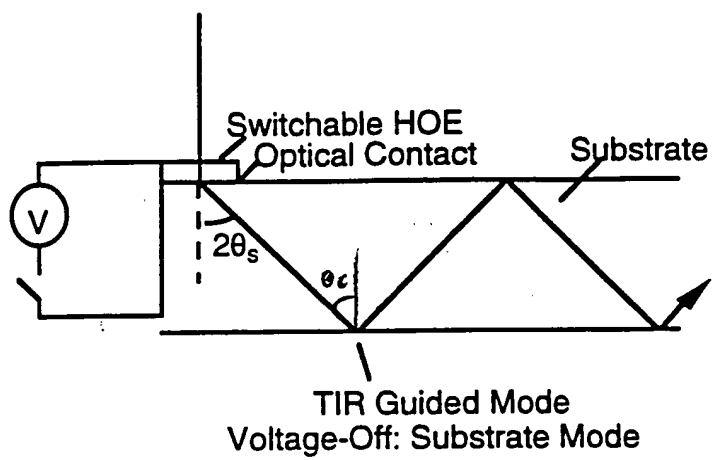


FIGURE 20

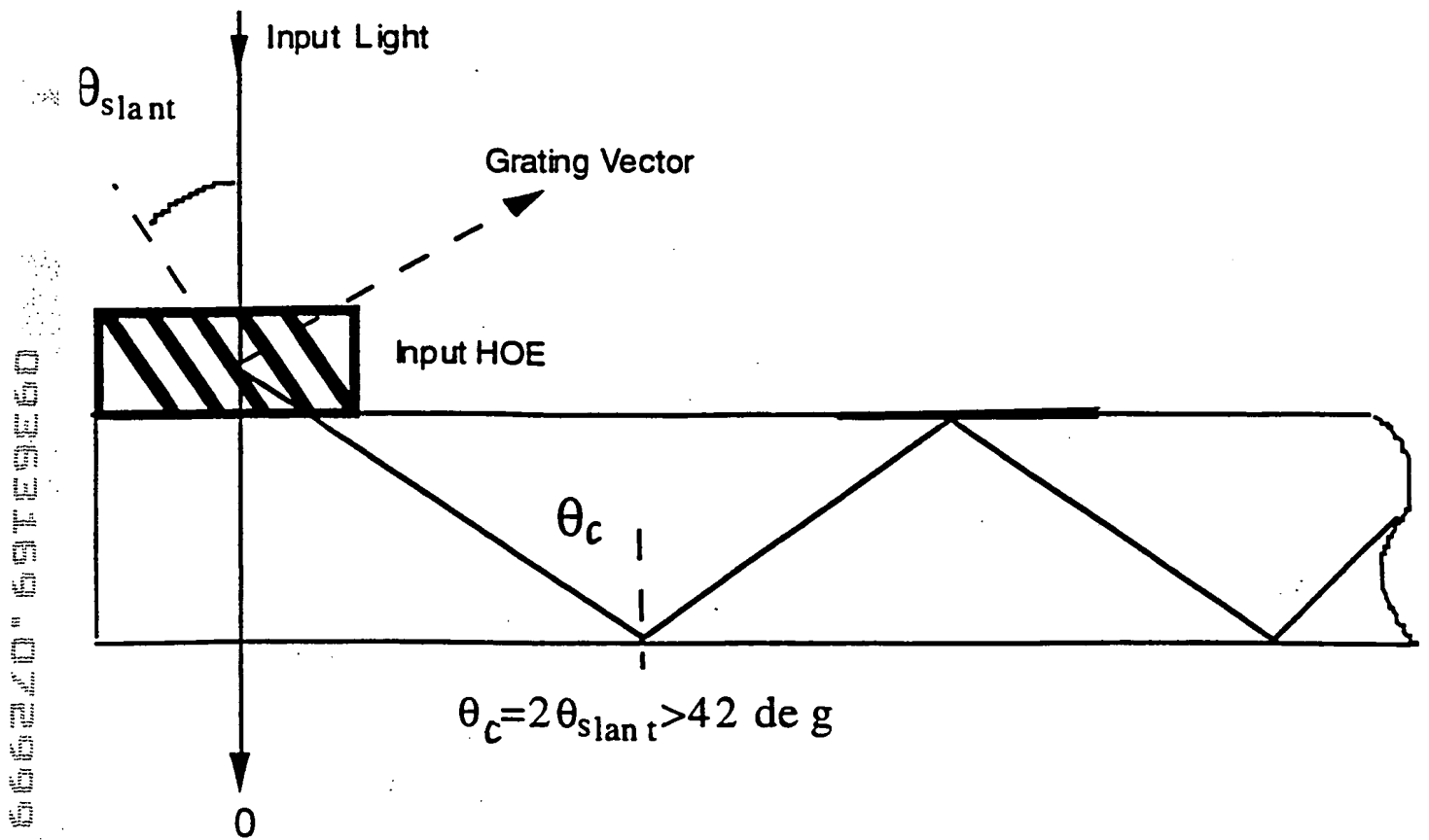
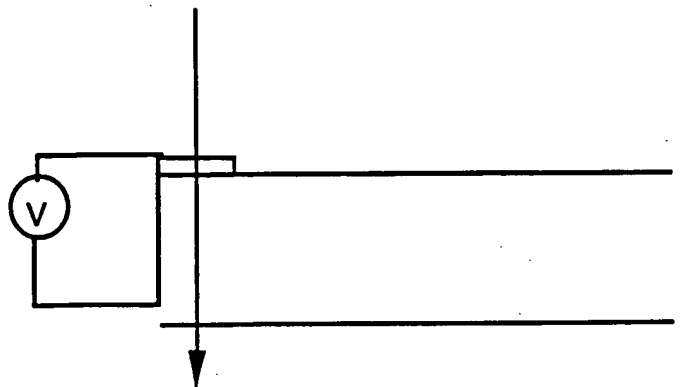
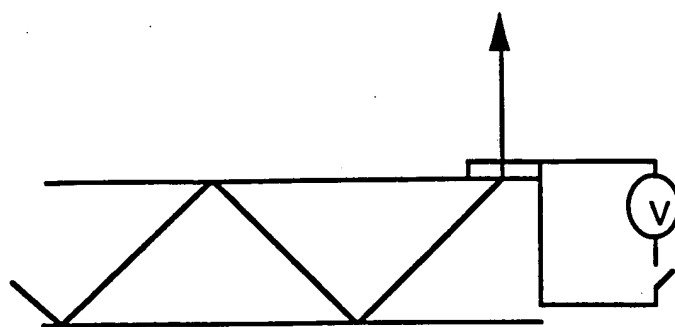


FIGURE 21



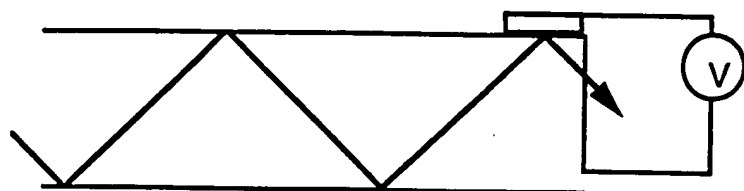
Voltage-On: Transmission Mode

FIGURE 22



Voltage-Off: Switch-Out Mode

FIGURE 23



Voltage-On: Substrate Mode

FIGURE 24

656240-5979250

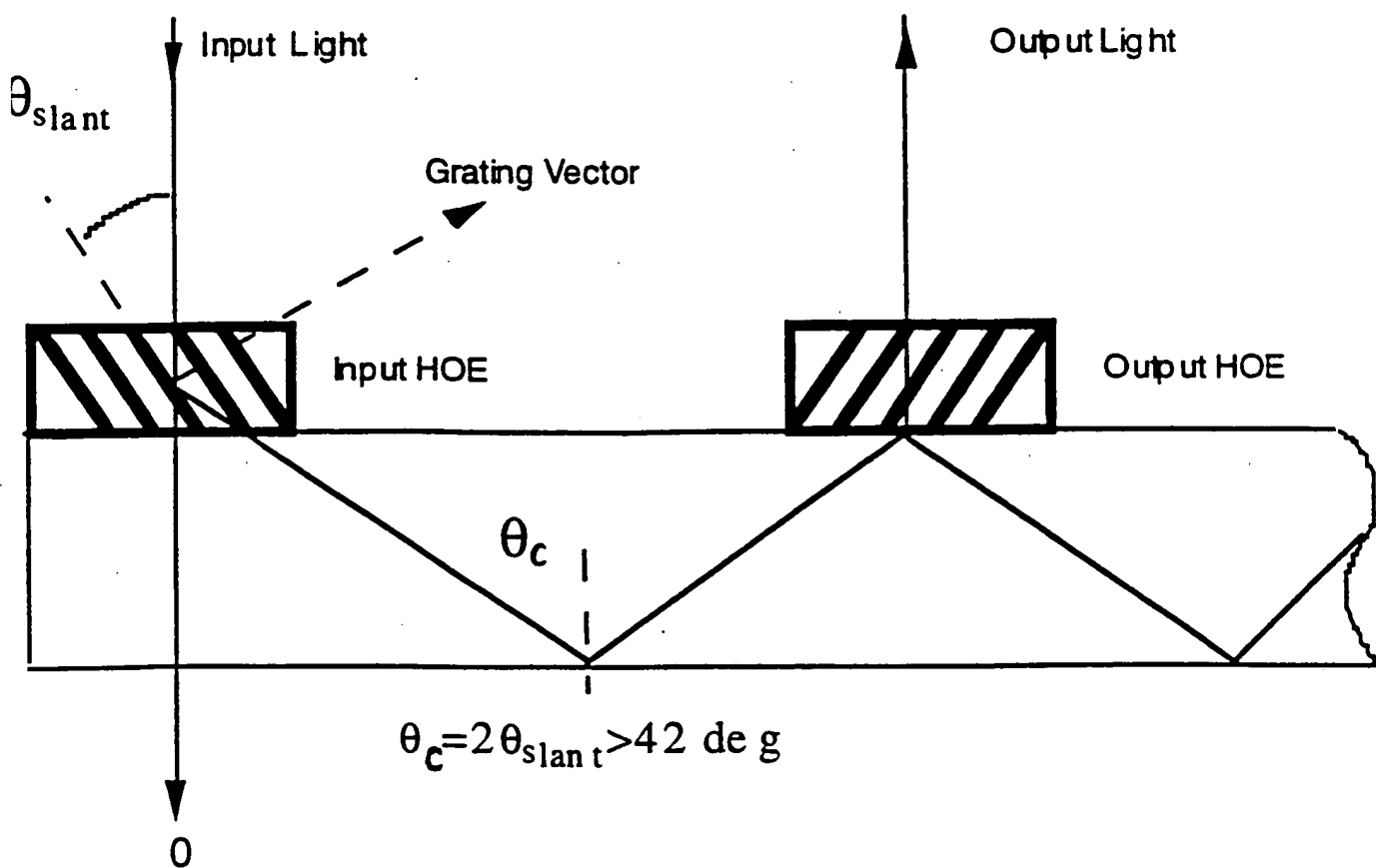


FIGURE 25

666240-97550

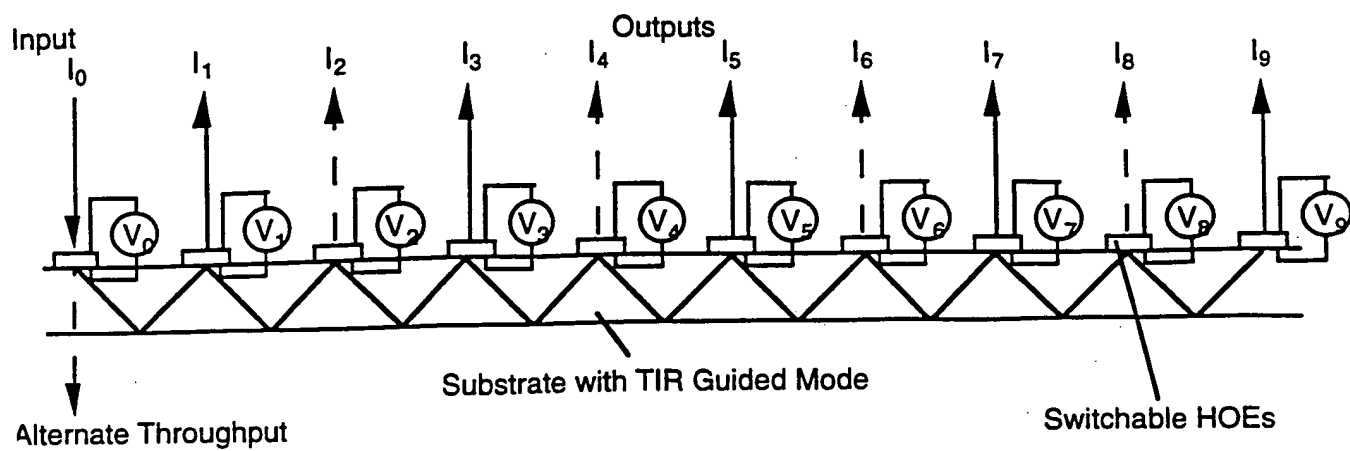


FIGURE 26

655220" 69T2960

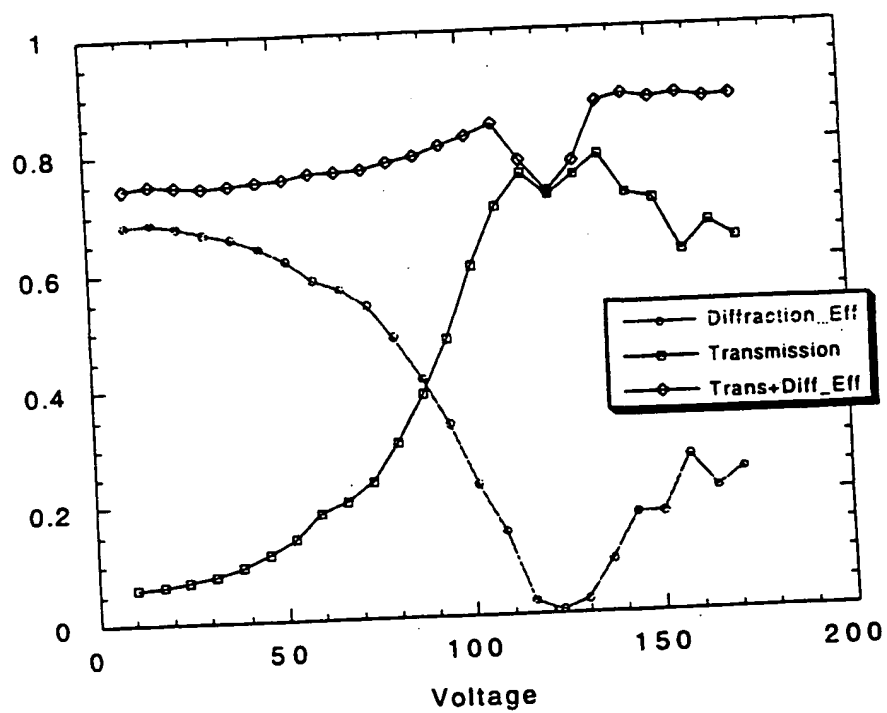


FIGURE 27

09353169-072099

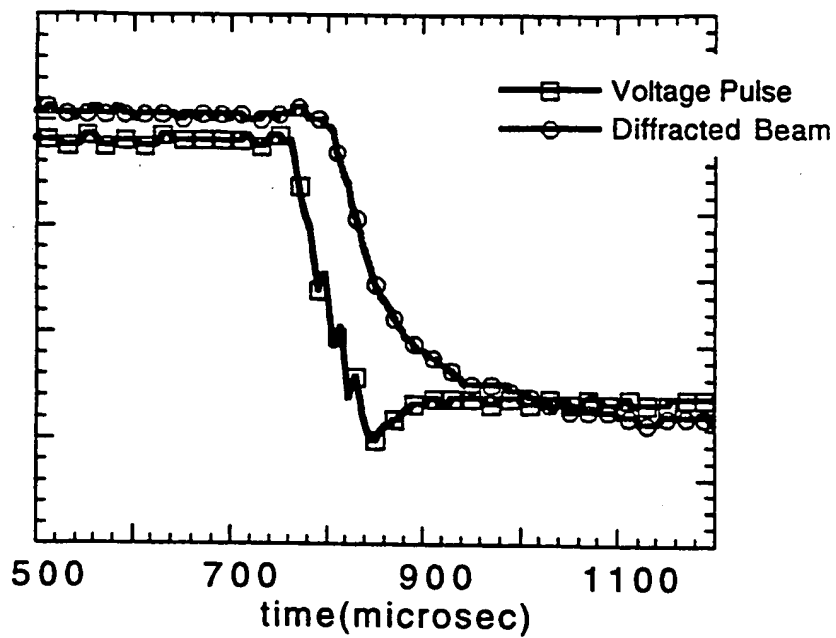


FIGURE 28

666220" 697E9E60

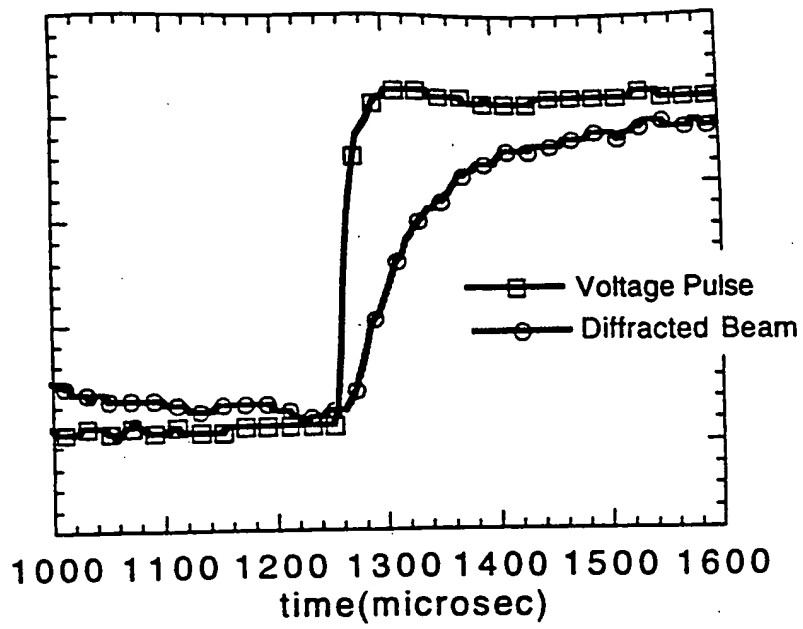


FIGURE 29

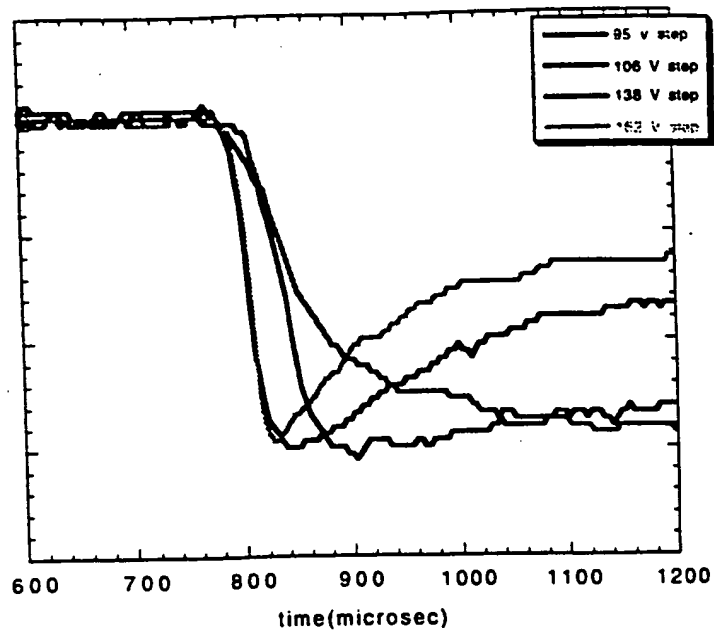


FIGURE 30